

#### Miami Dade County 2nd Quarter 2022 Residential Single Stream Program



This represents enough saved timber resources to produce more than 1.1 Billion sheets of newspaper!

# 19.6 million Kw-Hrs of Electricity from Recycling

This is enough power to fulfill the monthly electricity needs of more than 1,886 homes!



In the 2nd Quarter 2022,
Miami Dade County recycled:
1,612 tons of cardboard/paper;
4,104 tons of Newspaper;
1,465 tons of mixed paper;
146 tons of tin cans;
1,172 tons of plastics;
146 tons of aluminum;
And 1,319 tons of glass.

We also managed 4,691 tons of residue at Waste-to-energy (WTE) facilities.



#### Avoided 13.6 Metric Tons (MTCO2E) of GHG Emissions

The recycling of these materials prevented these GHG emissions!

## 12.1 Million Kw-Hrs of Electricity from Waste-to-Energy

This is enough power to fulfill the monthly electricity needs of more than 11,022 homes!

## 38,218 Cubic Yards Of Landfill Airspace

This represents enough airspace to fulfill the municipal waste disposal needs for 49,081 people for one month!



Recycling these materials avoided their manufacturing from Virgin materials thereby conserving these natural resources. Use of WTE also generated electricity as noted.



### 50 Million Gallons of Water

This represents enough fresh water to meet the daily fresh water needs of more than 670,444 people!

1 The environmental benefits shown here represent the difference in natural resource consumption and GHG emissions that result from using recycled inputs versus virgin inputs. MTCO2E = metric tons of carbon dioxide equivalent. Sources: U.S. Environmental Protection Agency, International Aluminum Institute, National Association for PET Container Resources, Institute of Scrap Recycling Industries, Earth Works Group Recycler's Handbook, One Earth Recycle, Bring Recycling.org, National Recycling Coalition, US Forest Products Laboratory, Wheelabrator Technologies, and Waste Management.

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